

Solutia Inc.

W.G. Krummrich Plant 500 Monsanto Avenue Sauget, Illinois 62206-1198 Tel 618-271-5835

April 10, 2003 (Via certified or express mail)

Mr. Kevin Turner-Environmental Scientist, OSC U. S. Environmental Protection Agency c/o Crab Orchard National Wildlife Refuge 8588 Rt. 148 Marion, IL 62959

Mr. Thomas Martin, Esq. Associate Regional Counsel 77 West Jackson Boulevard (C-14J) Chicago, IL 60604-3590

Re: Sauget Sites Area I - May 31, 2000 Unilateral Administrative Order (UAO) Sediment / Soils Removal Action #23 - April 2003 Monthly Report

Dear Mr. Turner and Mr. Martin,

Enclosed is the April 2003 Monthly Report for the Sauget Sites Area I May 31, 2000 Unilateral Administrative Order ("UAO") Sediment Removal Action. This submittal is in fulfillment of the monthly reporting requirements of the UAO, Section V, and paragraph 3.4. Reporting.

Alfan G. Faust

Sincerely,

Project Coordinator

Solutia Inc.

CC: Nabil Fayoumi – USEPA Region 5

> Sandra Bron - IEPA Mike Henry – IDNR

Kevin de la Bruere - USFW

Linda Tape – Husch & Eppenberger

Mayor D. Reed - Cahokia

Village of Sauget - c/o P. H. Weis & Associates (Attn: Brian Nelson)

Mayor P. Sauget - Sauget, IL Richard Williams - Solutia

EPA Region 5 Records Ctr.

Sauget Sites Area I - Sauget, Illinois

May 31, 2000 UAO - Dead Creek Sediment Removal Action

Monthly Report

Date of Report:

April 10, 2003

Period Covered:

March 1, 2003 - March 31, 2003

Next Report Period:

April 1, 2003 - April 30, 2003

Background

A Unilateral Administrative Order ("UAO") was issued to Solutia by the U. S. EPA on May 31, 2000, requiring construction of an on-site containment cell, removal of affected creek bed sediments and soils and flood plain soils from specific sections of Dead Creek, and placement of the affected sediments and soils in the newly constructed on-site cell. A Time Critical Removal Action Work Plan ("TCRAWP") was initially submitted to the Agencies on June 30, 2000 for review and approval. Agreements sufficient to proceed with issuance of a request for bids for the containment cell construction were reached in December 2000. Bids were received in late January and evaluated in February 2001.

Fieldwork began on the sediment de-watering phase of the project in November 2000. Installation of the required facilities (piping, pumps, basins, etc.) to de-water the sediments while the containment cell was being constructed was completed and started up in February 2001. Operation of these facilities will continue until all sediments are placed into the containment cell.

Subject to the inclusion of all comments and agreed upon revisions; approval of the containment cell design by U. S. EPA was received on March 5, 2001. A contract for construction of the containment cell was awarded on March 8, 2001 to LMS Environmental Contracting, Inc. ("LMS"). Placement of fill for the Containment Cell berms began on April 23, 2001. A March 30, 2001 revised draft containment cell design was approved by the Agencies in a May 10, 2001 letter. Construction was completed on the Containment Cell on September 13, 2001. A draft Containment Cell Certification Report was submitted for the Agencies' review and approval upon construction completion. The Containment Cell was approved on September 24, 2001 by USEPA and IEPA for receipt of sediment. Placement of sediments into the cell began on September 26, 2001.

An Amendment to the UAO was received on October 29, 2001. The Amendment modified the project scope of the UAO – adding Creek Sector F sediments removal and placement into the Containment Cell. On August 20, 2001, Solutia requested a change in

the Post Removal Confirmation Sampling and analytical protocols. In a November 30, 2001 communication, the Agency responded with revised sampling and analytical protocols.

Agency Actions / Communications

- Revision 01 of the Draft Groundwater Monitoring Plan submitted to the Agencies on August 3, 2001 remained under review.
- The Operations and Maintenance Report submitted for the Agencies' review and approval on August 28, 2001- remained under review. Portions of the Plan applicable to the placement of sediments have already been approved.

Work Performed during the reporting period

- Performed weekly inspection of the site.
- Maintained operation of the 50-gpm stormwater treatment system.
- Inspected and maintained the 6oz. geotextile/6 mil scrim reinforced poly cover over the containment cell.
- Maintained stormwater and leachate collection controls around the containment cell.
- Monitored support area facilities.
- Collected groundwater samples during the March 2003 quarterly sampling of the groundwater monitoring wells around the containment cell. Samples will be analyzed for parameters in the **Draft Groundwater** Monitoring Plan Revision 01.
- The design for the liner to be installed in Creek Sector B is being prepared.
- Final adjustments for the Dead Creek Pumping System have been completed and the system is operational. There are a total of six pumping stations along the course of the creek to enhance flow and eliminate ponding caused by vertically misaligned culverts.

Data Submittal

Validated data from the December 2002 TSCA Cell Quarterly Groundwater Monitoring sampling event are submitted with this report.

Work scheduled for next reporting period

- Conduct routine inspection of the containment cell.
- Continue operation of the 50-gpm stormwater treatment system.
- Perform necessary operation and maintenance on the containment cell and temporary treatment system.
- Analyze groundwater samples for parameters in the Draft Groundwater Monitoring Plan Revision 01.
- Place gravel sumps at each pumping location for the Dead Creek Pumping System.

PROJECT COMPLETION

Mobilization	100 %
Berm Construction	100 %
Liner Installation	100 %
Sediment Removal Preparation	100 %
Sediment Excavation (Site M)	100 %
Sediment Excavation (Original Scope of Work)	100 %
Sediment Excavation (Sector F)	100 %
Temporary Cover installation	100 %
Demobilization - Phase I	100 %
Final Cover Installation	0 %
Demobilization - Phase II	0 %
Final Report Preparation	0 %

Problems and Solutions

In discussion with officials from the Village of Cahokia, standing water in separate segments of Dead Creek emerged as a source of concern, given the current public health warnings about the West Nile Virus. The water is stagnant because the creek bottom is significantly lower than culvert inverts.

Because of this concern, Solutia agreed to install temporary pumps to pump the water downstream. This work was completed during the September 1, 2002 – September 30, 2002 reporting period. The permanent pumping system was installed during the January 1, 2002 – January 31, 2002 reporting period. The system consists of six pumps permanently mounted in the creek. The pumps are fitted with level control switches and will pump water downstream through the existing culverts when the water level is below the culvert inverts. During the last reporting period, level adjustments were performed at each of the six (6) pump locations and the system went on-line. Gravel sumps will be installed at each pumping location during the April reporting period.

Submittal Schedule Status

See attached UAO schedule

Issues under review

None

Comments

None

May 31 Sauget Area I UAO Sediment Removal Action SCHEDULE

Deliverable	Description	Due Date
Issuance Date	Date UAO signed by Muno	31-May-00
Effective Date	10 business day after issuance	14-Jun-00
Notice of Intent to Comply	3 business days after effective date	19-Jun-00
Designation of Contractor and Project Coordinator	5 business days after effective date	21-Jun-00
Access	14 calendar days after effective date	28-Jun-00
Time Critical Removal Action Work Plan Submittal	15 business days after effective date	7-Jul-00
EPA Approval of TCRA W/P		May 10, 2001
Monthly Reports	Begin 30 calendar days after approval of TCRA W/P until completion	June 10, 2001
Final Report	60 Calendar days after completion of sediments and soils removal	
Mitigation Plan	60 Calendar days after completion of sediments and soils removal	May 22, 2002

APPENDIX A

Summary of Table of Validated Analytical Data for Ground Water Samples



Sauget Area 1

Ground Water - December 2002

Method 8260 Volatile Organic Compound Data

	Class I Sample Date (2/2007	TACO Standards Class I GW	TCMW-01M 12/17/02	TCMW-018	TCMW-02	TCMW-03M 12/18/02	TCMW-03S	TCMW-04
				12/17/02 12/18/03				
	Units	u g ri	ug/l	սը/1	ug∕!	ug/l	ug∕l	ημη
ompound								
1,1-Trichioroethane	vide hennen kalladen i sakuna	200c	5 U	5 U	3 U	5 U	5 U	5 U
1,2,2-Tetrachloroethans		ИС	3 0	5 5 V 16 C 17 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	şu	4488641 4221699 INDEX. (48)31 :	50	STATE OF THE STATE
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-Digitiorostune		200	5 U	10	#U	3 U	5 Ü	44.50 Billione 3
l-Dichlorosthene	26320 2162162202202	7c	5 U	5 U	5 U	5 U	5 U	5 U
Titalianostass			20.00 (20.00 (10	FIGURE	3 U	100	. su
-Dichioropropune	······································	5 c	5 U	5 U	5 U	5 U	5 U	5 U
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modichloromethane		0,28	5 U	5 U	5 U	5 U	5 U	5 U
motorm) *	30	30	3 U	10	+ 1일본 3·1 대 전 등은 12111	∰BB3 U . T
momethene		9.8	9.8 U	9.8 U	9.8 U	9,8 U	9.8 U	9.8 U
bon disulfide		700	5 U	(# 3.0	_ \$V =30	5 .U:	5 U	5 U
bon tetrachloride		5c	5 U	5 U	5 U	5 U	5 U	5 U
arobenzene		100¢	SU	5 U	5 U	5 0	5 U	3 Ü
oroethanc		NC	10 U	10 U	10 U	10 U 3 U	10 U	10 U
οιοίστιμ		.0.2a	30	30	30		5.0	3 U
loromethane		NC	10 U	10 U	10 U	10 U	10 U	10 U
Trans-1,2-Dichleroethene		NC		3 U	3 U	10	5 U	5 U
romochloromethane		140	5 U	5 U	5 U	5 U	5 U	5 U
ylbenzene		7006	5 V	3 U	s u	30		(2) (1) (1) (1) (2) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2
thylene chloride (Dichlorome	thane)	5¢	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
lthe		100¢		30	5 U		\$U	Series United Relation
rachloroethene	22 - 17 - 20 40 - 10000 40 - 10000 50 - 1	Sc	5 U	3 U	5 U	5 Ü	5 U	5 W
vene		1000e		5 W	. 5U	518	30	保護产 进 划线的(第二节目点
chloroethene	*****************************	5c	2.7 U	2.7 U	2.7 U	2.7 Ŭ	2.7 U	2.7 Ŭ
yl chloride		26	10 U	10 V	1019	1010	10 U	HEREIOUM PER I
lenes, Total	55 - 5, 50020, 5006.73 F66067.73	10000c	5 Ü	5 U	5 U	5 Ü	5 U	- 15 029 4 02 7 550 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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ns-1,3-Dichloropropene	c p. p. p. p . p. p. p. p.	NC	5 U	5 U	5 U	5 U	5 U	5 U
BL VOCA	energeageacheaghacheagail :	NC	ND			. COV.	CONTRACTOR OF THE STATE OF THE	ND

U - not detected, J - estimated value, N - tentativally identified, R - rejected, M - EMPC, D - result from diluted analysis, EB - equipment blank, DUP - field duplicate, NC - no criteria, [] - exceeds TACO Class I Ground Water Standards.

a - The ground-water remediation objective is equal to the ADL for carcinogens according to the procedures specified in 35 III. Adm. Code 620.

b - Oral Reference Dose and/or Reference Concentration under review by USEPA. Listed values subject to change.

c - Value listed is also the Ground-water Quality Standard for this chemical pursuant to 35 III. Adm. Code 620.410 for Class II Ground-water or 35 III. Adm. Code 620.420 for Class II Ground-water.

Page [] NOTES:

1 of 2 Page



Sauget Area 1

Ground Water - December 2002

Method 8260 Volatile Organic Compound Data

	Sample ID	TACO Standards Class I GW	TCMW-04 DUP	TCMW-05M	TCMW-058	TCMW-06M	TCMW-068
	Sample Date	(2/2002)	12/16/02	12/17/02	12/17/02	12/19/02	12/19/02
	Units	ug/l	ug/l	υg/ 1	ug/l	ug/l	ug∕l
Compound							
1,1,1-Trichloroethane	The second contraction to the contraction	200c	5 U	3 U	5 U	3 Ü	5 U
1,2,2-Tetrachloroethane		NC	n i n i sa kata ka	đ ti	5 U 5 U		3:0 5:0
i,1,2-Trichloroethane Li-Dichloroethane	x-11-10-10-10-10-10-10-10-10-10-10-10-10-	5c 200	5 U 3 U	5 U ≰U	5 U	5 U 3 U	50
l ,1-Dichloroethero		7c	3 Ü	5 U	\$ 11	5 U	5 Ü
3-Distriction				au	5 U		**********
.2-Dishlerogrossas		5e	5 U	5 U	51)	5 U	5 Ü
,2-Dishlecopropune The make of a Section 1							15 W. 17 W. 18
2-Hexanone	-44944-44-44-44-44-44-44-44-44-44-44	NC	25 U	25 U	25 U	25 Ü	25 U
Activities and the second			7110 22:				
Acetone	·····	700	50 U	50 U	50 U	50 U	50 U
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Bromoform Bromomethane		18 9.8	9.8 U	9.8 U	9.8 U	9.8 U	************************************
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Carbon tetrachloride		5c	5 U		5 U	5 U	5 U
Aloroben zene		1002	su:	6.9	. 10	30	O XAD S 2000 CONSULTANT CONTRACTOR OF THE CONTRACTOR
Chloroethane	\$4000000000000000000000000000000000000	NC	10 U	10 U	10 U	10 U	10 U
Aloroform	idish kalilar yangal Menjaryan	6.2a	3U	8 U	3 U	30	SO THE SECOND SE
Chloromethane		NC	10 U	10 U	10 U	10 U	10 U
Dis/Trans-1,2/Dichlocoethene		NC	\$1 1	30	5 'U	Ü	\$0
Dibromochloromethane		140	5 U	5 U	5 U	5 Ü	5 U
Ethylbenzene		700e	S U	3U	3 0	3 0	SU
Methylene chloride (Dichlorometh	ane) 	50 Jegovanski mostovanski sa sa sa sa sa	4.7 U	4.7 U 3 U	4.7 U	4.7 U	4.7 U
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l'etrachloroethene Loivene	: xosedo do dos la elegados el	5c 1000e	3U 3 U	5U 5U	> ∪ 31/	3 U 310	- 3 U B.≱ryter 2018-2018 (1918 - December 1918 - Dec
roivene Frichloroethene		5c	2.7 U	7.9 2.7 U	3 ቤ 2.7 ሆ	2.7 U	2.7 U
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out VOCa	B8888833333-6	NG	ND.	6.9	38D	NO CONTRACTOR OF THE PARTY OF T	NO

NOTES:

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Sauget Area 1

Ground Water - December 2002

Method 8270 Semivolatile Organic Compound Data

	Sample ID	TACO Standards Class I GW	TCMW-01M	TCMW-01S	TCMW-02	TCMW-03M	TCMW-03S	TCMW-04
	Sample Date	(2/2002)	12/17/02	12/17/02	12/18/02	12/14/02	12/18/02	12/16/02
	Units	ug/l	u g/ I	ug/l	υ⊈ /\	ug/l	ug/l	υ g/ 1
Compound								
1,2,4-Trichlorobenzene		70c	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichtorobenzene		600c	10.0	10 U	100	0.571	10 U	100
1,3-Dichlorobenzene		NC	10 U	10 U	10 U	10 U	10 U	10 U
#-Dichlorobenzene		750	iou	IQU"	100	124	10 Ü	10.U
2,2'-Oxybis(1-Chloropropene)	20010 000 000 000 000 000 000 000 000 00	NC 200	10 U	10 U	10 U	10 U	10 U	10 U
4.04 Pichlorophene		A TOTAL CONTRACTOR STATE OF THE	10 M	1 00 U	1012		10 (1)	30.0
2,4,6-Tricklorophenol	aktatoako sa susuan susuana	10a	2.1 U	2.1 U	2.1 Ü	2.1 U	2.1 U	2,1 U
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2,4-Dinitrophenal	065653253285255565555555555	14 ************************************	14 U	14 U	14 U	14 U	14 U	14 U
14-D eletrop iem				10 U	18. 1880 E. ST. 1887 E. L. P. L. L. S. S.	345 9 101 010	180	HATU
2,6-Dinitrotoluene	Sarechrossess independant concess	0.31a NC	10 U 10 U	100	10 U 10 U	10 U 10 U	10 U 1 0 U	10 U 10 U
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2-Chlorophenol	an isakatan madalah ing Jul	35 NC 17 18 18 18 18 18 18 18 18 18 18 18 18 18 18 18 18	10 U 10 U	10 U		10 U	10 U .::	10 U
2-Methyldaphthalene	4088688666	350	10 U	10 U	10 U	10 U		The frame of the control of the cont
2-Methylphenol (o-cresol)	ad the element all elements in the element		300	300	10 U	10 U	10 U 44035550Ü arabar 189	10 U
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2-Marophenoi IJ - Dichlorobenzidin e	Siftensof Blooding in page 194 met	204	20 V	200	20 U	20 t	20 U	20 U
3-Methylphenol/4-Methylphenol		NC	10 U	10U	10 U	10 U	10 U	10 U
3-Nitroaniline		NC	30 V	300	50 Ü	Jou V	50 Ŭ	30 Ü
2-Methyl-4,6-dinitrophenol	1980011780018401180001118000	NC	13 U	13 U	13 U	13 U	13 U	13 U
4/Bromophenylphenyl ather	######################################	NC	ia r 33 (3 (3 (3 (3 (3 (3 (3 (3 (3 (3 (3 (3	U	900 (10 100 (100 - 100)	10	i v	## 1. U
4-Chloro-3-methylphenol	Select Control of the	NC	10 U	10 U	10 U	1 0 U	10 U	10 U
4-Chlorossilline		28	201	20 U	20 U	20 U	20 U	20 U
4-Chlorophenylphenyl ether	1000000 4 UB3000 11 (11000 UP410 U	NC	10 U	10 U	10 U	10 U	10 U	10 U
4-Njuomiline	B ar raman Barba	NC	SOU	50 U	50U	30 U	50 U	30 U
4-Nitrophenol	Talan minister data so	NC	50 U	50 U	50 U	50 U		50 U
Accraphthane		4420	100	lou	iou	and under the second	100	80 860 810 U Barolina
Acenaphthylene	. 20.000 . 20. 20. 20. 20. 20. 20. 20. 2	NC	10 U	1 0 U	10 U	10 U	10 Ü	10 U
Anthracene		2100	100	io v	10 U	1011	100	agento use il la la la
Benzo(a)anthracene	-rule:15 1996/01927988851Y273	0.13a	10 U	10 Ú	10 U	10 Ü	10 បី	10 U
Benzo(a)pyrene		0.2s.o	10 U	v v v	[0.57.7]	IO Ü	10 U	lan
Benzo(b)fluoranthene	a roceann a statut eta 1860-1880	0.18a	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene		NC	JOU	100		10 U	100	10 U
Benzo(k)fluoranthene	Line Table to the Read Control Control	0.174	10 U	10 U	10 U	10 U	10 U	10 U

NOTES:

U - not detected, J - estimated value, N - tentatively identified, R - rejected, M - BMPC, D - result from diluted analysis, EB - equipment blank, DUP - field duplicate, NC - no oritaria, [] - exceeds TACO Class I Ground Water Standards.

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c - Value listed is also the Groundwater Quality Standard for this chamical pursuant to 35 III. Adm. Code 620.410 for Class I Groundwater or 35 III. Adm. Code 620,420 for Class II Groundwater.

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Sauget Area 1

Ground Water - December 2002

Method 8270 Semivolatile Organic Compound Data

	Sample ID	TACO Standards Class I CW	TCMW-01M	TCMW-01S	TCMW-02	TCMW-03M	TCMW-03S	TCMW-04
	Sample Date	(2/2002)	12/17/02	12/17/02	12/18/02	12/18/02	12/18/02	12/16/02
	Units	ug/l	ug/i	ug/l	บg/l	ug/l	ug/I	ug∕l
Compound								
Benzyl butyl phthalate		1400	10 U	10 U	10 U	10 U	10 U	10 U
Carbazola		NC	340	340	3.40	3,4 T	3AV	
Chrysene		1.52	10 U	10 U	10 U	10 U	10 U	10 U
Disc-butylphdralete		700	ion	10 U	100	100	10'U	100
Di-n-octylphthalete	January . at all the control controls	140	10 U	10 U	10 U	10 U	10 U	10 U
District Desirates		936	1011 3	28 3 0 0 US	il iiiil e n	90.0	, 18 lot	1011
Dibeazofuras		NC	10 U	10 U	10 U	10 Ü	10 U	10 U
						# 10 th 1815	(4 0	
Dissetrylphthelate		NC	10 U	10 U	10 Ü	10 U	10 U	10 U
Consentions		770	IOU.	1007	1011	HISTINE .	10.51	10.11
Fluorene	taringgenboomy internet internet the get	280	1 U	1 U	I U	I Ü	10	1 Ü
Hexachiorobenzone		6.06a	10 Ü	1011	160	1010	io V	10.0
Hexachlorobutadiene	gangan an ini a sa ji Saba	NC	10 U J. Aggregator de conservado medi	10 U	10 U NO Character Awards Should be active	10 U 10 U	10 U	10 U
Hexachlorocyclopentadiene	Bright All Piper in	50c	you	10 U	12-12-10-12-13-13-13-13-13-13-13-13-13-13-13-13-13-		ton si	
Hexachloroethane	teach with a district	7	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Indeno(1,2,3-ed)pyrene		0,43	100	tou	e e e e e e e e e e e e e e e e e e e	tov	mn	
laophorone	etizazione al esercito al esercitore	1400	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine		1,81	ion	10:U	iou	IOU	(0.0	IO V
N-Nitrosodiphenylamine	osusta un estimatorio de la finale de la finale	NC	5 U	5 U	5 U	5 U	5 U 10 U	5 U
Naphthalene		140	1011	100	tou	10:U	and the Company of the control of the Company of th	100
Nitrobenzene	entre e se como e com	3.5 ::::::::::::::::::::::::::::::::::::	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
Pentachlorophenol		10	5 U	3.0	[3 បញ្	300	30	5 U
Phenanthrene	de didicates en la degrada de la companya de la gr	NC	10 U	10 U	10 U	10 U	10 U	10 U
Phenoi		1004	iov	IOU	iou	10.D	10'0	second of the second
Pyrene	an 1111 and 5 to 40 to 40	210	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	şini. Mühlüğəliğ əhdő	NC	iou	ion	10U (10.0	10 U	1011
bis(2-Chloroethyl)ether	arvininuwinesa.Not	10a dheyyddion foeth y coeddon y dollar	10 U	10 U	10 U 12kU	10 U 1.8 U	10 Ü	10 U
bis(2-Ediyiheryi)phinalate	Sandar Property	66	180	ian	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Statistical contraction of the statement	180	IAU.
Total Semivolatiles	anno de entende Marchine	NC	ND	ND	4.27	1.77	ND	ND
					900			TARRESPORTED TO THE

NOTES:

U - not detected, I - estimated value, N - tentatively identified, R - rejected, M - EMPC, D - result from diluted analysis, EB - equipment blank, DUP - field duplicate, NC - no criteria, [] - exceeds TACO Class I Ground Water Standards.
a - The groundwater remediation objective is equal to the ADL for cardinogens according to the procedures specified in 35 III. Adm. Code 620.
b - Oral Reference Dose and/or Reference Concentration under review by USEPA. Listed values subject to change.
c - Value listed is also the Groundwater Quality Standard for this chemical pursuant in 35 III. Adm. Code 620.410 for Class I Groundwater or 35 III. Adm. Code 620.420 for Class II Groundwater.

Page 1

1 of 2



Sauget Area 1

Ground Water - December 2002

Method 8270 Semivolatile Organic Compound Data

	Sample ID	TACO Standards Class I GW	TCMW-01M	TCMW-015	TCMW-02	TCMW-03M	TCM₩-035	TCMW-04
	Sample Date	(2/2002)	12/17/02	12/17/02	12/18/02	12/18/02	12/18/02	12/16/02
	Units	ug/l	u g/ 1	ug/l	ug/l	u g/ l	ug/1	ugA
Compound								
Benzyl butyl phthalate		1400	10 U	10 U	10 U	10 U	10 U	10 U
Carbezola		NG	JAU	34 U		3.40	3.417	3.40
Chrysene		1.5m	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylpätistätä		700	1011	£0.Ω	100	100	10 U	101
Di-n-octylphthalate	ne an ann an	140	10 U	10 U	10 U	10 U	10 U	10 U
District de la constant de la consta		9,34	1011	10.0	((127)	.00	100	Mod iii
Dibenzofieran Disentalisasi		NC	10 U	10 U	10 U	10 U	10 U	10 U
		<i>1685-77980: 1</i>	10 U	10 U	10 U	10 U		Mon
Dimethylphthalate Planasathana		NC	10 U			TO U	10 U	10 U 10 U
Fluorene		280	1 U	1 U	1 U	1 U	l U	I U
Hexachlorobenzene	eting the United the	0.06a	10 U	เช้น	1013	10.U	iou	100
Hexachlorobutadiene	augus againn agh staibha	NC	10 U	IOU	10 U	10 U	10 U	10 U
Hexachlorocyclopentachene	مهريور المرابط	130c 1 1240 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1)0 V	10 U	100	Caloura de la calenda de l	lov.	5.00 U
Hexachloroethane	en tit i til til til	7	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Indeno(1,2,3-ed)pyrane	ytty ryen Yanda	. 0.43a	100	(10:0 1)	nan	i rou	IN U	100
Isophorone		1400	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine		1.84	1011	10 U	iou	iou .	IOU:	iov
N-Nitrosodiphenylamine		NC	5 U	5 U	5 U	5 U	5 U	5 Ü
Nuphthalene		140	10 U	100	100:	10 U	1010	10 U
Nitrobenzene	*****	3.5	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
Pentachlorophenol		1e	5 U	30	kun	30	3 C	5 U
Phenanthrene		NC	10 U	IOU	10 U	10 U	10 U	10 U
Phenol		1006	10 U	10 U	10 U	IOU	10.U	STOUR THE STORY
Pyrene		210	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methans		NC	iou	ton	100	to U	10 A	plati illustrati e kil
bis(2-Chloroethyl)ether		10a	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Ediylhesyi)phthalate		66	180	180	1.80	180	1.8 U	180
Total Semivolatiles	sing that is a bit of a right brings	NC	ND	ND	4.27	1.77 STUDING SANDERS OF THE SANDERS SANDERS	ND	ND
								조존하다 함께 보고 그리다 新

U - not detected, J - estimated value, N - tentatively identified, R - rejected, M - EMPC, D - result from diluted analysis, EB - equipment blank, DUP - field duplicate, NC - so criteria, [] - exceeds TACO Class I Ground Water Standards.
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c - Value listed is also the Groundwater Quality Standard for this chemical pursuant to 35 III. Adm. Code 620.410 for Class I Groundwater or 35 III. Adm. Code 620.420 for Class II Groundwater.

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Page



Sauget Area 1

Ground Water - December 2002

Method 8270 Semivolatile Organic Compound Data

	Sample ID Sample Date	TACO Standards Class I GW (2/2002)	TCMW-04 DUP	TCMW-05M	TCMW-05S	TCMW-06M	TCMW-06S
	Units	ug/t	ug/i	ug/l	u g/ l	ug/i	11g/1
	Units	484	ugyi	ugo:	ug/s	ugu	ag.
Compound			:	10 U	10 Ü		
1,2,4-Trichlorobenzene	organista na narodni litalia i	70c 600 ¢	10 U (6 U	100	100	10 U	IOU Secondo Nacionales de la companio de
1,2-Dichlorobenzene		NC	10 U	10 U	10 U	10 U	10 U
1,5-Dichlorobenzene		75¢	100	341	100	10.0	100
2,2'-Oxybis(1-Chloropropane)		NC	10 U	10 U	10 Ü	10 U	10 U
24.5-Thehiotophoni	i Lenekaran bandan bandan bandan	700	(6 th	100		100	100
2.4.6-Trichiopophesol		10a	2.1 U	2.1 U	2.1 U	2.1 Ü	2.1 U
2,4,6-Trichloroph saol							
2 A-Disitrophenoi		14	14 U	14 U	14 U	14 U	14 U
2,4-Dinitrophenol 2,4-Dinitrophenol	Marie 100 (100 (100 (100 (100 (100 (100 (100		1687				1011
2,6-Dinitrotoluene	86 .35.36.35.38.38.88 3 0.23.2 4 2.	0.314	10 U	10 U	10 U	10 U	10 U
2-Chloronsphthelene		NC	10 U	100	10 U	\$OU"	1011
2-Chlorophenol	and their state has labeled and an earliest	35	10 U	10 U	10 U	10 U	100
2-Methylnaphthalens	yan da sanan kalandaran 1966 yang berasaran 19	NC	al d io o ne della see esse	10U	100	100	HOME IN THE PROPERTY OF THE PARTY OF THE PAR
2-Methylphenol (o-cresol)		350	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline		NO.	50 U	30 U	50 U	\$0U	### \$014 - 15 14 14 15 16 16 16 16 16 16 16
2-Nitrophenol		NC	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine		20e	20 U	20 TJ	26 v *********	20 U	20U
3-Methylphenol/4-Methylphen	ol	NC	10 U	10 U	10 U	10 U	10 U
3-Nitrospilline		NC	50 U	30 U	50.U	50 t)	30 T
2-Methyl-4,6-dinitrophenol		NC	13 U	13 U	13 U	13 U	13 U
4-Bromophenylphenyl ether		NC	10	10	10	: 1 U	10
4-Chloro-3-methylphenol		NC	10 U	10 U	10 U	10 U	10 U
4-Chloromillise		28	20 U	20 U	20 U	20 U	33.02 0. 00.000.0000.0000.0000.0000.0000.0
4-Chlorophenylphenyl ether		NC	10 U	10 U	10 U	10 U	10 U
4-Nitrobniline		NC	10 U	50 U	5011	50 Ü	56U
4-Nitrophenol		NC	50 U	50 U	50 U	50 Ü	50 U
Acenaphthene		420	10 U	to U	10 U	10 U	
Acenaphthylene	.ce.sec.esseesescool.poc66500.50	NC 2100	10 U	10 U 10 U	10 U	10 U	10 U
Anthracene		2000 Sacrition (2000 Section Compressed All De Section (Compressed Compressed	IGU IOU	10 U	10 U 10 U	60 Ù 10 Ù	10 U
Benzo(a)anthracene	ter tigs versuleds were es 1886 a.c.	0.13a 0.2ao	10 U	iou	iou Lotu	10 U	
Benzo(a)pyrene		0.18a	CANADA TO O A COLO DOMAN ANALOS MONTOS CANADA	10 U			en de la
Benzo(b)fluoranthene		NG	10 U		10 U	10 U	10 U
Benzo(g,h,i)perylene		0.17a	101)	10:U 10:U	10 U 10 U	10 U	
Benzo(k)fluoranthene		V.1/2	10 U	IV U	IUU black DER Gold dustines NC	10 U	10 U

NOTES:

- U not detected, J estimated value, N sentatively identified, R rejected, M EMPC, D result from diluted analysis, EB equipment blank, DUP field duplicate, NC so orderia, [] exceeds TACO Class I Ground Water Standards a The groundwater remediation objective is equal to the ADL for carcinogens according to the procedures specified in 35 III. Adm. Code 620.
 b Oral Reference Dose and/or Reference Concentration under review by USEPA. Listed values subject to change.

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Sauget Area 1

Ground Water - December 2002

Method 8270 Semivolatile Organic Compound Data

	Sample ID TACO Standards Class I GW		TCMW-04 DUP	TCMW-05M	TCMW-058	TCMW-06M	TCMW-06S
	Sample Date	(2/2002)	12/16/02	12/17/02	12/17/02	12/19/02	12/19/02
	Units	ug/l	ug/l	ug/l	ug/l	u g ∕l	u g/1
Compound							
Benzyl butyl phthalate		1400	10 บ	10 U	10 U	10 U	10 Ü
Carbazole		NC	114U	3 4 U	3AU	34U	
Chrysene		1.50	10 U	10 U	10 U	10 U	10 U
Di-n-baty lphthalate		700	1011	10 U	100	100	10 V
Di-n-octylphthalate	00:00.00.00.00.00.00.00.00.00.00.00.00.0	140	10 U	10 U	IO U	10 U	10 U
Observ(a,b)serimone		9Je	(Jou	100	1983 W	ioti 🗼 🙀	
Dibenzofuran	**************************************	NC	10 U	10 U	10 U	10 U	10 U
Directly light for each state of the state o			el ou			100	
Dimetry iphthalate	CONTRACTOR SOURCE AND	NC	10 U	10 U	10 U	10 U	10 U
Placeme		30 0	100	and in the second	(41)	100	iou
Placene	tani mangan sambanan ing mangan	280	1 U 10 U	1 U	បេ មើប	IU IOU	1 Ŭ 10 Œ
Hexachlorobenzene		0.064	AND THE PROPERTY OF THE PROPER	10 U			and the state of t
Hexachlorobutadiene	o: ap. operiost	NC 50c	10 U 10 U	10 U	10 U 3.10 U a a hayin 14 0.3	10 U (a to 10 m)	10 U
Hexachlorocyclopentadiene	ärd läst sylästäät	306		10.h	artina and an article and an article and	0 80 ft - 100 000 - 0.000 1. 1 01 10 10 10 10 10 1	ned - time this first that
Hexachloroethane	Martine de la companya de la company	7 	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Indeno(1,2,3-cd)pyrane		0,43	non	101	10 U 10 U	to U	POT THE RESERVE OF TH
Isophorone	Medical and a second second control of the second s	1400	10 U	10 U		10 U	10 U
N-Nitroso-di-n-propylamine		184	10.01	ion	100	1019	
N-Nitrosodiphenylamine	est artistasumous it Niess	NC 140	SU IOU	3 U 10 U	5 ប 10 ប	SU IOU	វប ាលប
Naphihalene	Kendur (Christie	 Local Complex Complex Complex Conference (New York) 	Mark Control of the C			The state of the s	
Nitrobenzene	0017-0016-017-0006-00-00	3.5 A. 4 0.000 0.0000 0.00000000000000000000	3.5 U	3.5 U 5 U	3.5 U	3.5 U \$ Un	3.5 U
Pentachlorophenol			3 U	ANTERNATION CONTRACTOR AND ANTARAS CONTRACTOR CONTRACTOR	3.50 mg/s		#m
Phenanthrene	eco intro out sono scoretto a esc	NC 1006	10 U	10 U 10 U	10 U 10 U	10 U	10 U
Phenol		grante programa de como entre en espara la como en el c				k.1%-000-001-0000 (1.7 5000 P.S. 15 15 15 17 17 17 17 17 17 17 17 17 17 17 17 17	
Pyrene	6669105163600N-00606-01636	210	10 U	10 U	10 U	10 U	10 U
bis(2-Calorcemoxy)methane		X	10 U	10 U	10 U 10 U	tou	
bis(2-Chloroethyl)ether	2000.000.000.000.000.000.000.000	10a societas con testa a securio testa a castano	10 U			10 U	10 (1)
bis(2-Ethylhexyl)pkthalate		66 NC	180	ion	(1 .1 0	(au	1.3 U
Total Semivolatiles	and property date of the control of	NU www.comencer.com/www.index.com/w	ND	5.2	ND	ND	3.3

NOTES:

U - not detected, J - estimated value, N - sentatively identified, R - rejected, M - EMPC, D - result from diluted snalyris, EB - equipment blank, DUP - field duplicate, NC - no criteria, [] - exceeds TACO Class I Ground Water Standards a - The groundwater rensediation objective is equal to the ADL for corcinogens according to the procedures specified in 33 III. Adm. Code 620.

b - Oral Reference Dose and/or Reference Concentration under review by USEPA. Listed values subject to change.

c - Value listed is also the Groundwater Quality Standard for this chemical pursuant to 35 III. Adm. Code 620.410 for Class I Groundwater and Code 620.420 for Class II Groundwater.

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CONTINUED



Sauget Area 1

Ground Water - December 2002 Method 680 Polychlorinated Biphenyl Data

	Sample ID	TCMW-01M	TCMW-015	TCMW-02	TCMW-03M	TCMW-038	TCMW-04	TCMW-04 DUP	
	Sample Date	12/17/02	12/17/02	12/18/02	12/18/02	12/11/02	12/16/02	12/16/02	
	Units	υgΛ	u g/ 1	ug/i	ug/l	ugy1	ug/1	u គ្ រី	
Compound									
Monochlorobiphenyl		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 tJ	
Dich kombiphetiyl		0,1 ti	0,1 U	0.1.U	0,1,0	OIU	U.L.O	0.1 U	
Trichlorobiphenyl	VI. 10. 1	0.1 U	0.1 U	0,1 U	0.1 ป	0.1 U	0.1 U	0,1 U	
Tetraciikirohiphenyi	1004	02U	02V	82 U	0.2 U	0.230	02U	020	
Pentachlorobiphenyl	entra grand de la companya de la co	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	02 U	0.2 U	
To such karabiphanyi.		02 U	02 H	924	020	020		021	
Heptachlorobiphenyi		0.3 U	03 U	03 U	0.3 U	0.3 U	03 V	0.3 T	
								DEO ESTR	
Nonachlorobiphenyl		0.5 U	0.5 T	'0.5 T	0.5 U	0.5 TJ	0.5 U	0.5 U	
Decachiorchiphenyl		03.0°	**************************************	0.5%	or nosula	9.5%	450	0.519	
Total PCBs	- in the second of the second	ND	ND	ND	ND	ND	ND	ND	
					(1. - 1 1 1 1 1 1 1	(Reins - Profesion P osso lo - As Differences	SELECTOR CONTRACTOR SERVICES	P\$ #\$4000 #1000 #1000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	

U - not detected, I - estimated value, N - tentatively identified, R - rejected, M - EMPC, D - result from diluted analysis, EB - equipment blank, DUP - field duplicate, NC - no criteria, [] - exceeds TACO Class I Ground Water Standards.

a - The groundwater remediation objective is equal to the ADL for exclangens according to the procedures specified in 35 III. Adm. Code 620.

b - Oral Reference Dose and/or Reference Concentration under review by USEPA. Listed values subject to change. NOTES:

c - Value listed is also the Groundwater Quality Standard for this chemical pursuant to 35 III. Adm. Code 620.410 for Class I Groundwater or 35 III. Adm. Code 620.420 for Class II Groundwater.

1 of 2 Page



Sauget Area 1

Ground Water - December 2002

Method 680 Polychlorinated Biphenyl Data

	Sample ID	TCMW-05M	TCMW-05S	TCMW-06M	TCMW-06S
	Sample Date	12/17/02	12/17/02	12/19/02	12/19/02
	Units	ug∕l	ug/l	ug/l	ug/l
Compound					
Monochlorobiphenyl		0.1 ปี	0.1 U	0.1 U	0.1 U
Dichlorobiphesyl		0,1 U	0,1 U	CIT	
Trichlorobiphonyl		0.1 U	0.1 U	0.1 U	0.1 U
Tetraciderobiphenyl		02U	0.2U	#2U	O. O
Pentachlorobiphenyi	Marine consideration and and	0.2 U	0.2 U	0,2 Ü	0.2 Ü
				420	194 3 0
Heptack lorobiphonyl	46/8/-01/09/20/20/00/00/20/20/20	03 U	0.3 U	0.3 U	0.3 Ü
Complete Committy is a second					
Noncohlorobinhenyl	de la composition della compos	0.5 U	0.5 U	0.5 U	0.5 U
	**********	COMPANY CONTRACTOR	*************************	************	
Describer Colors Total PCBs				75	100
I OTAL PUBS	000000000000000000000000000000000000000	NU mananananananananananananananananananan		NU	
produktiva in deletika belaiki					
and a superior of the superior					1978 (1988) December 1988 December 1989 (1988) December 1989 (1988) December 1989 (1988) December 1989 (1988)

U - not detected, J - estimated value, N - tentatively identified, R - rejected, M - EMPC, D - result from diluted analysis, EB - equipment blank, DUF - field duplicate, NC - so order is, [] - exceeds TACO Class I Ground Water Standards a - The groundwater remediation objective is equal to the ADL for carcinogens seconding to the procedures specified in 35 III. Adm. Code 620.

b - Oral Reference Dose and/or Reference Concentration under review by USEPA. Listed uses subject to change.

c - Value listed is also the Groundwater Quality Standard for this cheenical pursuant to 35 III. Adm. Code 620.410 for Class I Groundwater and Code 620.420 for Class II Groundwater.

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Sauget Area I

Ground Water - December 2002 Method 6010/7470 Inorganic Data

	Sample ID	TACO Standards Class I GW	TCMW-01M	TCMW-01S	TCMW-02	TCMW-03M	TCMW-03S	TCMW-04
	Sample Date	(2/2002)	12/17/02	12/17/02	12/18/02	12/18/02	12/11/02	12/16/02
	Units	u g/L	mg/l	mg/l	mg/l	mg/l	m g/ l	mg/l
Compound							·······	
Aleminum	commo com ou o monto est	NC	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 บ
Andmony Arsenic		9,0066	eox n	0.021	0.6211	0.002 L7	0.0211	0,02 (
Arienie	0.0000000000000000000000000000000000000	0.050	0.01 U	0,01 U	0,01 U	0.01 U	0.01 U	0.01 U
Berium Beryllium Calinium		0.004c	0,004 U	0,39 0.004 U	Q;}9 0.004 U	0,004 U	0.004 U	0.14 0.004 U
Beryllum	V 600 100 100 100 100 100 100 100 100 100	V.UO4C	0,004 0	naceti	V.004 C			0.004 U
Calcium		NC	160	190	110	190	150	130
Chromitani								0010
Cobelt		le .	U 10.0	0.0045 J	0,0029 I	0.01 U	0.003 J	0.0039 J
Cope		9.63e	0100	0.000	OD U	0200	0 00 0	0.40.U
Iron	Nadarah Kabupatèn Badah an M	NC 0.0075e	21 ::: <u>:::::::::::::::::::::::::::::::::</u>	0.12	0.05 U	23 0.005 C	3.6 0.005 U	0.05 U
Lend		0.0075e	0:003 ft	0.003 U	0.005 0		-0.005;Usar (again)	0:0023
Magnesium Manganese	ng kantaga ya Maratwa	0.15c	35 16-694	31 . (n.201) - 3-3-3-3-3-7-3-3-3-3-3-3-3-3-3-3-3-3-3	22 - {0.44]	- 45 注 [13] ; 注:2 ² : 1 : 1 : 2 : 2 : 2 : 2 : 2 : 2 : 2 : 2 :	- 34 Treach - 175 - 175 - 175 - 175	30
Manganese	Markett i mirth	0.002c	[0.97] 0.0002 UJ	[0.39] 0,0002 UJ	0,0002 U	0.0002 U	[[#] 0.0002 U	[0:\$6:] 0.0002 TII
Mercury Nickel		0.0020	0;04·U	0.039 1		0040		0.0002 (//
Potassium	(1865) i Spanol de interes	NC	6.8	12	6.1	13	6.8	6.4
Selenium		0.05¢	0,01 U	0.01 U		adi w	o,ot u	0.01.0
Silver	v Kilo (00 1 haddi aw bar kali (2000)	0.05c	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Sodium Thallium		NC	10	83	28	120	23	
Thallium		0.002c	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 tJ
Vacation		4.049	0,01 U	0.01 U	ool W	0.01.0	0 01 U	aotu
Zinc	n in a normal control and control	50	0.02 U	0.02 U	0.02 U	0.02 U	0.0095 J	0.02 U

NOTES:

U - not detected, J - estimated value, N - tentatively identified, R - rejected, M - EMPC, D - result from diluted analysis, BB - equipment blank, DUP - field duplicate, NC - no criteria, [] - exceeds TACO Class I Ground Water Standards.

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Date Printed: 04/03/03 11-13:41



Sauget Area 1

Ground Water - December 2002 Method 6010/7470 Inorganic Data

Autominum NC		Sample ID	TACO Standards Class I GW	TCMW-04 DUP	TCMW-05M	TCMW-055	TCMW-06M	TCMW-068	
Compound Compound		Sample Date	(2/2002)	12/16/02	12/17/02	12/17/02	12/19/02	12/89/02	
Autominum NC		Units	ug/L	mg/l	mg/l	mg/I	mgA	mg/l	
Armonic 0.05c 0.01U 0.07	Compound			e		·			
Armenic 0.05c 0.01 0.007	Aluminum	norm men i propi i postali i							
Perim	Autimony		ana ana mpikamban makambananan arawa sanaran menangkan keranggan beranggan beranggan beranggan beranggan berang	re addition and the contract and the con	999859999999999999 *********************	the management of a real of the second of th	1 1 1 1 1 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2		i, Ko
Cobait 1e Cobait 501 U 0.01 U 0.01 U 0.01 U 0.01 U 0.00 U 0.00 U 0.001 U 0.002 U 0.01 U	Arsenic		U,U30 						5 () 1 () 6 () 6 (
Cobait 1e Cobait 501 U 0.01 U 0.01 U 0.01 U 0.01 U 0.00 U 0.00 U 0.001 U 0.002 U 0.01 U	perun		0.004-	# 301001016910 01#10 00 1#1910#101#10					
Cobait 1e Cobait 501 U 0.01 U 0.01 U 0.01 U 0.01 U 0.00 U 0.00 U 0.001 U 0.002 U 0.01 U	payment.	******	V.OOTC					0,004 0	5.07 () 255 ()
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Iron	Copper		VA34		0410	PALU		CONT.	
Magnesium NC 30 36 46 21 36 Manganèse 0.15e [0.36] [12] 0.049 [0.85] [0.21] Mercury 0.002c 0.0002U 0.0002U 0.0002U 0.0002U Nickel 0.1e 0.0089T 0.015T 0.0076F 0.04 U 0.01T Potassium NC 6.5 6.5 7.8 4.3 7.1 Selenium 0.002a 0.01 U	Iron	Andrew Control of the				0.05 U		0.05 U	
Mercury 0.002c 0.0002 U 0.001 U 0.0002 U <th< td=""><td>Lead</td><td></td><td>0.0075c</td><td>0.005 U</td><td>0.0017 J</td><td>0.005 Ü</td><td>0.005 U</td><td>0:00\$ U</td><td>4 9</td></th<>	Lead		0.0075c	0.005 U	0.0 0 17 J	0.005 Ü	0.005 U	0:00\$ U	4 9
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Vanisadiurris 0-049 001U 0-01U 0-01U 0-01U 0-01U	Thallium	ewet represents a wettern broken to ke		0,01 U	0.01 U	Target and replace the incomparison problems of the first of the	The contract of the contract o	0.01 U	J-23
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	Zinc		Sc	0.02 U			0.02 U		
					AGO AGRICO NEGO A TOMA DA DA DA A ABO O ROBO ESTA O TRANSPORTADO A REPORTO				119

NOTES:

- U not detected, I estimated value, N tentatively identified, R rejected, M EMPC, D neurit from diluted analysis, EB equipment blank, DUP field displicate, NC no criteria, [] exceeds TACO Class I Ground Water Standards a The ground-water remediation objective is equal to the ADL for caroinogens according to the procedures specified in 35 fll. Adm. Code 620.
 b Oral Reference Dose and/or Reference Concentration under review by USEPA. Listed values subject to change.
 c Value listed is also the Groundwater Quality Standard for this chemical pursuant to 35 fll. Adm. Code 620.410 for Class I Groundwater or 15 fll. Adm. Code 620.420 for Class II Groundwater.

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